

**AMENDMENTS TO THE CLAIMS:**

Please cancel claims 4-7 and 14-27 without prejudice and amend claims 1, 3 and 9.

Please add the following new claims 28-33.

1. (Currently Amended) A graft comprising flow tubing having a tubing portion defining a flow lumen, the flow lumen of said tubing portion being substantially free of ribs or grooves, wherein the centre line of the flow lumen follows a substantially helical path with a helix angle less than or equal to  $65^\circ$   $45^\circ$ , and wherein the amplitude of the helix is less than or equal to one half of the internal diameter of the tubing portion.

2. (Original) A graft as claimed in claim 1, wherein the amplitude of the helical centre line divided by the internal diameter of the tubing is at least 0.05.

3. (Currently Amended) A graft comprising flow tubing having a tubing portion defining a flow lumen, wherein the centre line of the flow lumen follows a substantially helical path with a helix angle less than or equal to  $65^\circ$   $45^\circ$ , wherein the amplitude of the helical centre line is less than or equal to one half of the internal diameter of the tubing portion, and wherein the amplitude of the helical centre line is ~~more than or equal to 0.05 of~~ divided by the internal diameter of the tubing portion is at least 0.05.

4-7. (Cancelled)

8. (Previously Presented) A graft as claimed in claim 1, wherein the helix angle is less than or equal to  $15^\circ$ .

9. (Currently Amended) A graft as claimed in claim 1, wherein the flow lumen of the tubing [[.]] portion is of substantially circular cross-section.

10. (Previously Presented) A graft as claimed in claim 1, wherein the tubing portion forms just part of the overall length of the tubing.
11. (Previously Presented) A graft as claimed in claim 1, wherein the tubing portion extends over substantially the entire length of the tubing.
12. (Previously Presented) A graft as claimed in claim 1, wherein the centre line of the tubing portion follows a substantially helical path about an axis which is curved.
13. (Previously Presented) A graft as claimed in claim 1, comprising a pharmaceutical coating.
- 14-27. (Cancelled)
28. (New) A graft as claimed in claim 3 wherein the helix angle is less than or equal to 15°.
29. (New) A graft as claimed in claim 3 wherein the flow lumen of the tubing portion is substantially circular in cross-section.
30. (New) A graft as claimed in claim 3 wherein the centre line of the tubing portion follows a substantially helical path about an axis which is curved.
31. (New) A graft as claimed in claim 3 further comprising a pharmaceutical coating.
32. (New) A graft as claimed in claim 1 wherein the tubing portion comprises a tubular wall which resists reduction of the amplitude of the helical centre line.

33. (New) A graft as claimed in claim 3 wherein the tubing portion comprises a tubular wall which resists reduction of the amplitude of the helical centre line.